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AN ANNOTATED BIBLIOGRAPHY FOR YOUNG ADULT FARMER EDUCATION.

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ARTICLES FROM THE "AGRICULTURAL EDUCATION MAGAZINE," JULY 1959-AUGUST 1965, ARE ARRANGED BY TOPICS--(1) PHILOSOPHY AND OBJECTIVES, (2) NEEDS AND INTERESTS, (3) ORGANIZATION AND PROGRAMS, (4) AGRICULTURAL MECHANICS, (5) MANAGEMENT, (6) PLANT SCIENCE, (7) METHODS AND MATERIALS, (8) YOUNG FARMER ASSOCIATION, AND (9) EVALUATION. THE BIBLIOGRAPHY WAS PREPARED FOR USE BY TEACHERS, TEACHER EDUCATORS, SUPERVISORS, AND ADMINISTRATORS. (EM)

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AN ANNOTATED BIBLIOGRAPHY FOR YOUNG AND ADULT FARMER EDUCATION

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THE AGRICULTURAL EDUCATION DIVISION
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PREFACE

This annotated bibliography for adult and young farmer programs is structured for professional educators, supervisors, administrators, and teachers who are often confronted with the problem of adequate reference for resource information to cope with professional responsibilities in young and adult farmer programs.

The Agricultural Education Magazines (July 1959 to August 1965) are the sources of the annotated bibliographical data. Many of the articles are current and reflect findings from empirical investigations by individuals of great competency and interest in adult and young farmer education.

The references are conveniently categorized in the sub-areas which form the Table of Contents as follows:

TABLE OF CONTENTS

		Page
I.	Philosophy and Objectives	1
II.	Needs and Interests	1
III.	Organization and Programs	4
IV.	Subject Matter Content - Agricultural Mechanics	6
V.	Subject Matter Content - Management	8
VI.	Subject Matter Content - Plant Science	9
VII.	Methods and Materials	10
VIII.	Young Farmer Association	11
IX.	Evaluation	12

AN ANNOTATED BIBLIOGRAPHY FROM THE AGRICULTURAL EDUCATION MAGAZINE
for
"Young and Adult Farmer Education"

I. PHILOSOPHY AND OBJECTIVES

CLARY, J. R. and R. J. DENNY. "Use Local People To Review Local Programs". Vol. 36, No. 12 (June 1964) Pp. 270-273.

The values, objectives, steps and guide for self study of vocational agriculture programs are used.

DIMICK, DONALD E. "Improving Post-High School Training". Vol. 33, No. 5 (Nov. 1960) Pp. 106-107.

A school administrator projects his views on improving post-high school training.

HUMMEL, RICHARD, and H. C. HORSTMAN. "Young and Adult Farmer Classes Should Be Separate - Can Be Combined; Both Sides of the Issue". Vol. 37, No. 5 (Nov.1964) Pp. 114-115.

A scholarly commentary on both sides of the issue.

PHIPPS, LLOYD J. "Replanning Young and Adult Farmer Education". Vol 33, No. 2 (Aug. 1960) P. 27.

Many citizens, local, state and national should be involved in planning out-of-school farmer education.

THOMPSON, JOHN F. "Adjustment in Adult Education in Agriculture". Vol. 35, No. 5 (Dec. 1962) P. 116.

The impact of adult farmer education in the program of Agricultural Education and the need for adjustments are shared.

II. NEEDS AND INTERESTS

ABRAHAMS, MORRIS N. "The Need for Young Farmer Education". Vol. 32, No. 3 (Sept. 1959) Pp. 56-57.

A study of the needs for young farmer education in Louisiana reveals a continued need for a balanced program.

ANDERSON, ROBERT L. "Ten Ways to Please Adult Farmers". Vol. 36, No. 4 (Oct. 1963) Pp. 81-82.

A listing of ten ways to satisfy adult farmers is demonstrated in Nebraska.

BEAM, H. E. "The Factor of Leadership Style in Adult Farmer Education". Vol. 35, No. 5 (Dec. 1962) Pp. 112-113.

An analysis is made of the leadership styles and group cohesion and recommendations are made for modifying one's technique for effectiveness.

BENTLY, RALPH R. and JAMES P. CLOUSE. "Determining the Tractor Phase of Farm Mechanics". Vol. 32, No. 9 (March 1960) Pp. 203-206.

Tractor needs of farmers are revealed in this Purdue study.

BOUCHER, LEON W. "Interest Groups - A Guide to Adult Farmer Course Organization". Vol. 35, No. 5 (Dec. 1962) Pp. 123-124.

Another way of adequately meeting needs of adult farmers is the Enterprise Interest Approach - Concentrating instruction in a given area.

BYRAM, HAROLD. "Agricultural Education in Central America". Vol. 37, No. 11 (May 1965) Pp. 276-79.

A description of the provisions for agricultural education in Central America and Panama with emphasis on secondary and post secondary levels.

DAVIS, PHILLIP B. "Selected Factors Associated with Attendance at Adult Farmer Classes". Vol. 33, No. 8 (Feb. 1961) Pp. 179-181.

Some selected factors associated with attendance at Adult Farmer Classes.

DONALD, E. L., J. L. SMITH and G. T. DOWDY. "Assisting the Part-Time Farmer". Vol. 37, No. 10 (April 1965) Pp. 244-245.

This study revealed the upsurge in part-time farming in Alabama during the past decade, and the need for technical assistance by Vocational Agriculture teachers to work with this sector of the clientele.

HARRIS, R. R. "Farmers' Need for Shop Abilities in Georgia". Vol. 33, No. 7 (Jan. 1961) Pp. 148-50.

A doctoral study to determine shop abilities needed.

HOLTZ, ALFRED H. "Approved Practices Studied in South Dakota". Vol. 35, No. 5 (Dec. 1962) Pp. 125-26.

A study reveals correlation of approved practices to the following factors; age of farmers, size of farms and farming status.

LESTER, H. T. "Establishing Young Men in a Farm Business". Vol. 34, No. 2 (Aug. 1961) Pp. 42-44.

According to this study the earlier one starts to farm, the better. Also, considerable education is required by farmers to guarantee success today.

LOCKWOOD, LARRY, and C. E. BUNDY. "What Dairymen Need to Know". Vol. 37, No. 7 (Feb. 1965) Pp. 202-203.

A study to determine the compentencies needed to succeed in dairying -- forty-six are listed as needed by farmers.

PETERSON, MILO J. "Profit is the Goal of Adult Farmer Training". Vol. 36, No. 8 (Feb. 1964) Pp. 182-84.

The authors propose reorganization of school districts; good state level leadership; breaking of tradition; base programs upon needs of farmers to enhance profit assurance for adult farmers.

REDD, R. T. "Help Young Farmers Become Established". Vol. 32, No. 3 (Sept. 1959) Pp. 52-53.

A suggested list of what teachers can do to help young farmers is centered around three problems -- financing, labor and procurement of land.

ROSS, HENRY. "When You Visit a Tunisian Farmer". Vol. 37, No. 11 (May 1965) Pp. 284-85.

The author shares experiences of visits to farmers in Tunisia while abroad and their deviant pattern of agriculture.

STROUTMAN, JAMES J. "Needs and Interests of Young Farmers". Vol. 32, No. 3 (Sept. 1959) Pp. 57-58.

This study determined interests and needs of a young farmer class in Iowa.

SWANSON, ROBERT M. "Opportunities for Establishment of Young Farmers in Marengo, Iowa Community". Vol. 35, No. 5 (Dec. 1962) Pp. 115-116.

A study to determine needs for young farmers in an Iowa Community.

TODD, JOHN D. and A. J. PAULUS. "What Causes Farmers to Attend Adult Classes?". Vol. 33, No. 2 (Aug. 1960) P. 32.

A study was conducted to determine reasons why farmers attended and did not attend adult classes.

TUGEND, DAVID M. "Maryland Farmers Suggest Farm Mechanics Curriculum". Vol. 36, No. 9 (March 1964) Pp. 210-11.

A survey reveals that Maryland farmers want and need strong farm mechanics curriculum.

ZIGLER, JACOB S. "Part-time Farming -- A Way of Life". Vol. 37, No. 10 (April 1965) Pp. 243-244.

Part-time farming is consistent with the present era and vocational agriculture teachers should work closely with this category of farm clientele.

III. ORGANIZATION AND PROGRAM

ABERCROMBIE, THOMAS V. "Helping Farmers Keep Up-To-Date". Vol. 33, No. 4 (Oct. 1960) P. 93.

A unique Farmer Ranch Club is organized to meet educational and social needs and it is oriented toward keeping clientele up-to-date by mass media and by inviting eminent speakers.

BAIL, JOE P. "Involving People Helps". Vol. 34, No. 1 (July 1961) P. 10.

In developing a "Climate of Understanding" in vocational agriculture, one should involve more people in the program of agricultural education.

CAMPBELL, J. M. "Mobilizing a State Effort for Young Farmer Program". Vol. 37, No. 5 (Nov. 1964) Pp. 108-110.

More emphasis is needed on well planned farm instruction, young farmer organization, larger farm units, increased specialization, increased mechanization, higher capital requirements, and in-service training of teachers.

COLEMAN, WICKAM B. "Young Farmer Program Keeps Members Busy". Vol. 37, No. 5 (Nov. 1964) P. 120.

Broad programs for diversified agriculture should undergird planning along with leadership responsiblities.

DUGDALE, BRYAN. "The Use of Advisory Committees for a Wisconsin Young and Adult Farmer Program". Vol. 35, No. 3 (Oct. 1963) Pp. 68-69.

The writer has used a modified plan of an advisory council with adult and young farmer classes to plan more effective out-of-school programs.

DUMAS, HOWARD W. "Five Ways to a New Era in Adult Farmer Education". Vol. 36, No. 4 (Oct. 1963) Pp. 77-78.

A Nebraska educator relates five ways to upgrade adult farmer education.

FIDLER, LLOYD B. "More Effective Young and Adult Farmer Courses". Vol. 33, No. 2 (Aug. 1960) Pp. 45-46.

A plan is suggested for conducting effective and functional young farmer courses oriented toward small interest groups as opposed to groups based upon age.

FULLER, JOHN. "Michigan Teachers Work with County Agents on Adult Farmer Courses." Vol. 35, No. 5 (Dec. 1962) Pp. 114-115.

An account is given of joint efforts by vocational agriculture teachers and county agents in Michigan in conduting short courses for adult farmers.

HEATH, E. PHILLIPS. "Space Ship Philosophy for Young Adult Farmer Programs". Vol. 33, No. 5 (Nov. 1960) Pp. 107-110.

Vocational agriculture teachers should be aware that there is plenty of room at the top for young farmers. Some program techinques are listed.

JOHNSON, W. T. SR. "A Supervisory Effort in Adult Education for Negro Farmers". Vol. 35, No. 5 (Dec. 1962) P. 117.

A success story on adult farmer education for Negroes in North Carolina as state supervisors work with small groups of farmers and teachers throughout the state.

KENNEDY, FRANK E. "Activities for Young Farmers". Vol. 33, No. 2 (Aug. 1960) Pp, 28-30.

A diversified program of work is published of a banner young farmer program along with implementation procedures.

LOREEN, C. OSCAR. "Factors Associated with Adult Class Development". Vol. 32, No. 3 (Sept. 1959) Pp. 54-56.

This study revealed the factors (attitude, training, ability, etc.) associated with adult class development.

MARSHALL, AVERY E. "A Packaged Young Farmer Program". Vol. 36, No. 4 (Oct. 1963) Pp. 82-83.

A plan in Wisconsin borrowed from merchandising "Packaging" which is paying off in adult and young farmer classes.

MURPHY, ANTHONY. "Joint Adult Meetings in Vocational Agriculture". Vol. 33, No. 2 (Aug. 1960) Pp. 34-42.

A joint effort in which three vocational agriculture departments united their adult farmer programs in a small Louisiana Parish.

MYERS, PRINGLE J. "For Teachers of Young Farmers". Vol. 37, No. 5 (Nov. 1964) Pp. 111-112.

Suggestions for successful young farmer classes are listed.

NORTON, WESLEY. "Anderson Community Supports their Young Farmer Program". Vol. 36, No. 5 (Nov. 1963) Pp. 113-114.

A program for young farmers in California based upon the premises that a young farmer program will provide education, cooperative participation leadership development, community service, fun and followship.

PARKER, JOHN FREDERICK. "Ways to Improve Adult Farmer Classes". Vol. 35, No. 5 (Dec. 1962) Pp. 116-17.

Guidelines for upgrading adult farmer education.

PHIPPS, LLOYD J. "Conducting Comprehensive Education Programs for Beginning Farmers". Vol. 32, No. 6 (Dec. 1959) Pp. 127-29.

Empirical data from a study in Illinois in five centers revealed that six major factors are pertinent in conducting comprehensive programs for beginning farmers, as follows: status, wives wanted in classes, inventories as a basis, course of study, year-round meetings and systematic instruction.

RILEY, HAROLD E. "A Countywide Approach to Adult Farmer Education". Vol. 35, No. 5 (Dec. 1962) P. 118.

A success story that gets results in a countywide approach to adult farmer education.

WARMBROD, J. ROBERT. "Reimbursement Policies Influence Young and Adult Farmer Education". Vol. 37, No. 6 (Dec. 1964) Pp. 148-49.

A study of the relationship between distributing state and federal funds to local districts and the scope of the young and adult farmer programs in selected states from 1950-1960.

IV. SUBJECT MATTER CONTENT - AGRICULTURAL MECHANICS

BEAR, W. FORREST. "Projects for Farm Mechanic Programs". Vol. 33, No. 7 (Jan. 1961) Pp. 162-63.

Some ideal suggestions for securing projects for the young and adult farmers are listed.

BENTLEY, RALPH R. and JAMES P. CLOUSE. "Plow and Mower Phases of Farm Mechanics". Vol. 33, No. 7 (Jan. 1961) Pp. 151-53.

The activities conerning maintenance and repair of the plow and mower that should be included in the farm mechanics course of study.

BLAKE, DUANE L. and NORMAN N. ROBINSON. "Content for Today's Farm Machinery Instruction". Vol. 37, No. 8 (March 1963) Pp. 226-27.

A study to determine content for farm machinery instruction.

BRISTOL, BENTON K. "Teachers Evaluate Farm Mechanics Plans". Vol. 33, No. 7 (Jan. 1961) Pp. 157-58.

This study secured data that provided a basis for developing additional farm mechanics plans of value to teachers and students.

ELKINS, MELVIN J. "Beating the High Cost of Farm Machinery". Vol. 33, No. 7 (Jan. 1961) Pp. 161-62.

Some ideas for beating the exorbitant cost of farm machinery and guidelines on purchasing procedures for the farmer.

HENDERSON, HARRY D. "The Modular Farm Shop". Vol. 33, No. 7 (Jan. 1961) Pp. 150-51.

The Modular Farm Shop (an added flexibility to the teaching of agricultural mechanics).

HENDERSON, HARRY D. and CHARLES SALOUTOS. "Teaching Farm Building Construction". Vol. 36, No. 9 (March 1964) Pp. 200-202.

A suggested topic outline for farm structure units.

JACOBS, C. O. "Making Tool Storage Attractive and Functional". Vol. 36, No. 9 (March 1964) P. 204.

Storage facilities for tools should be attractive and functional in order to meet the needs of farmers.

MARVIN, R. PAUL. "Unit Operations for Teaching Farm Mechanics". Vol. 36, No. 9 (March 1964) Pp. 205-207.

A tabulated breakdown is listed for unit operations for the various types of farm machinery.

ROGERS, PHILIP. "Determining Farm Mechanics Instructional Needs at High School, Young and Adult Farmer Levels". Vol. 34, No. 7 (Jan. 1962) Pp. 149-150.

Two major determinants of farm mechanics content are as follows: 1) What will and can be taught which depends upon the shop facility and the instructor's knowledge of his subject and 2) a survey of your area as a means of determining the needs of both high school and adult farmers.

SALOUTOS, CHARLES. "Improving Instruction in Farm Machinery". Vol. 33, No. 7 (Jan. 1961) Pp. 156-57.

An account of the use of a steam cleaner to improve instruction in farm machinery.

YOUNG, ORVILLE L. "Shop Tools Owned by Farmers". Vol. 37, No. 7 (Feb. 1965) Pp. 200-201.

A study used to assit young farmers in determining a tool inventory and priorities in purchasing shop tools.

V. SUBJECT MATTER CONTENT - MANAGEMENT

ANDERSON, C. A. "Adult I, II and III". Vol. 32, No. 3 (Sept. 1959) Pp. 53-54.

An adult program is recommended to be built around a three year structure.

BULLARD, A. G. "In our Adult Farmer Program You Start with a Farm Management Core". Vol. 36, No. 4 (Oct. 1963) Pp. 79-81.

A sophisticated and scholarly commentary on the new approach to adult farmer education in North Carolina whereby the broad unit method form a Farm Management Core is employed.

COOPER, MELVIN W. "Using Full-Time Teachers for Young and Adult Farmers". Vol. 36, No. 5 (Nov. 1963) Pp. 114-115.

A descriptive account of how a full-time teacher for young and adult farmer classes in Wisconsin can gear and operate a functional program with farm mechanics management courses.

DEYOE, GEORGE P. "Improving Farming Programs through Selection". Vol. 33, No. 1 (July 1960) Pp. 9-11.

Selection and adoptation of farming programs develop skills and enhance knowledge as well as develop ability.

EDINGTON, EVERETT D. "Predicting the Success of Pennsylvania Young Farmers in Farm Management". Vol. 35, No. 3 (Oct. 1962) Pp. 61-62.

An extensive account of research which correlated ten predictor variables with each of the five criterion measures of farm management success for 192 young dairy farmers in Pennsylvania.

McCORMICK, FLOYD. "Strengthen Farm Management Instruction". Vol. 38, No. 2 (Aug. 1965) Pp. 35-42.

Several suggestions are listed for using new funds (Voc. Ed. Act 1963) to strengthen farm management instruction and upgrade programs in farm business managament.

RAMSEY, TED. "A Kentucky Young Farmer Program Designed for Member Participation". Vol. 35, No. 3 (Oct. 1962) Pp. 61-62.

A Kentucky farmer class is oriented toward the areas of living: leadership, recreation, farming programs and finance.

REIDEL, WALLACE F. "Farm Tours Emphasized in Iowa Y. F. A. Program". Vol. 37, No. 5 (Nov. 1954) P. 110.

Industrial, livestock and conservation tours in addition to regular farm tours have added enthusiasm to young farmer programs.

ROY, PAUL and SAM DALE. "Vo-Ag Leadership in Community Development". Vol. 33, No. 4 (Oct. 1964) Pp. 94-95.

A descriptive account of a vocational agriculture program participating in community development in Louisiana Parish to meet the educational and economical needs of the community.

RYBURN, JOSEPH D. "Better On-Farm Service Centers". Vol. 33, No. 7 (Jan. 1961) Pp. 153-55.

The development and use of a rating scale to determine better on-farm service centers.

SCARBOROUGH, CAYCE. "Farm Management for Whom?". Vol. 36, No. 3 (Sept. 1963) Pp. 54-65.

The author believes that farm management should be structured and taught to farm managers during daylight hours.

VI. SUBJECT MATTER CONTENT - PLANT SCIENCE

LOFTEN, W. T. "New Types of Adult Class". Vol. 34, No. 1 (July 1961) P. 9.

An adult class in Florida was organized and oriented toward watermelon production and marketing. It developed into a successful co-op -- 2,000 acres of melons.

VII. METHODS AND MATERIALS

AGAN, ROY. "Better Farming - The Proof of the Pudding of the Adult Farmer Class". Vol. 35, No. 5 (Dec. 1962) Pp. 118-19.

A test for effectiveness "proof of the pudding in adult farmer class lies in the progress toward success or objectives."

ASHBY, LELAND E. "Farm Demonstration Plots - A Useful Teaching Aid". Vol. 34, No. 11 (May 1962) Pp. 244-45.

Crop demonstration plots are valuable tools to teach agricultural concepts and practices as a joint or cooperative approach by both high school and adult farmers.

BUNDY, C. E. "How Farmers Adopt New Practices". Vol. 33, No. 2 (Aug. 1960) Pp. 30-32.

The Adoption Concept - awareness, interest, evaluation, trial and adoption is described with implications for on-the-farm follow-up.

CRAIG, ROBERT. "Vo-Ag Specialists Spark Texas Adult Program". Vol. 36, No. 5 (Nov. 1963) Pp. 112-13.

A success story of how state level personnel spearheaded a dynamic program in adult programs in Texas through short courses.

GADDA, H. W. "Improving the On-Farm Instruction of Young and Adult Farmers". Vol. 33, No. 11 (May 1961) Pp. 261-63.

Seven common problems and possible solutions are listed for improving adult on-farm instruction.

HALLER, ALLEN. "Increasing the Effectiveness of Adult Farmer Instruction through the Improved Use of Audio-Visual Materials". Vol. 34, No. 9 (March 1962) Pp. 206-207.

A series of techniques on use, role, and techniques are described which grew out of a study made by the author in Indiana. Conclusions - Ag. teachers need training in A.V. materials, a need for a repertoire of A.V. materials, and A.V. materials get results when used effectively.

HUDSON, AROL. "Audio-Visual Aids in Adult Education". Vol. 34, No. 3 (Sept. 1961) Pp. 60-62.

Audio-visual aids provide the most effective means of meeting the new theory of learning in all types of education - learning through experience.

JEWELL, JR., L. M. "Some Guides for On-Farm Instruction for Young Farmers". Vol. 37, No. 5 (Nov. 1964) Pp. 116-17.

The following areas of instruction are significant as a guide for on-farm instruction for young farmers, planning, conducting and evaluating programs.

MOECKEL, ROLF. "Effective On-Farm Instruction of Adult Farmers". Vol. 34, No. 34 (Sept. 1961) Pp. 64-66.

This study yielded promising practices that lend themselves to effective on-farm instruction.

ROSS, JAMES. "A Look into the Young Farmer Program". Vol. 32, No. 12 (June 1960) Pp. 283-284.

An evaluation study of instructional methods used by vocational agriculture teachers with Iowa farmers.

SMITH, GLEN. "Class Participation - An Important Factor". Vol. 34, No. 10 (April 1962) Pp. 236-37.

A technique that proved successful to elicit class participation involved observing home samples of quality hay and silage followed by discussions on feeding problems.

TENER, E. L. "Using a State Directory of Resource Personnel for Adult and Young Farmer Education". Vol. 36, No. 7 (Jan. 1964) Pp. 136-37.

A compilation of specialists in various fields of adult farmer education may be circulated to teachers of agriculture, listing: firm, organization, name and title of specialist, channel request for service, speciality and area served.

VIII. YOUNG FARMER ASSOCIATION

BRUM, H. D. "Organizing the State Young Farmer Convention". Vol. 37, No. 5 (Nov. 1964) Pp. 112-113.

A pictoral analysis of a young farmer convention emphasizing husband-wife involvement.

JACKSON, J. R. "What Makes Young Farmer Chapters Tick?". Vol. 33, No. 2 (Aug. 1960) Pp. 42-44.

This study resulted in suggestions on organization, principles, problems and standards for making a young farmer chapter tick.

LESTER, H. T. "Developing a Young Farmer Organization". Vol. 33, No. 2 (Aug. 1960) Pp. 33-34.

General procedures were described for initiating a functional young farmer organization which also reflects an annual program of activities.

YEATTS, A. L. "Virginia's State-Wide Young Farmer Program." Vol. 35, No. 3 (Oct. 1962) Pp. 65-66.

Virginia has a strong state association - 1498 members, and 95 local chapters. Their primary objective is to develop group and individual responsibility of young farmers through programs of instruction and to progress in farming.

IX. EVALUATION

BUNDY, CLARENCE E. "March is a Good Time for Evaluating Adult Farmer Programs". Vol. 35, No. 8 (March 1963) Pp. 192-94.

A criteria for evaluating is set fort which embraces methods and time of year.

HANSEN, ALFRED W. "Evaluating Young Farmer Programs". Vol. 33, No. 2 (Aug. 1960) Pp. 44-45.

Six basic steps in evaluating young farmer programs are described and accompanied by a success story in evaluation.

HORNER, JAMES T. "Evaluation is Inevitable--Intelligent Evaluation Imperative for Effective Adult Farmer Education". Vol. 35, No. 5 (Dec. 1962) Pp. 109-119.

The author' comments on the nature of evaluation, who evaluates, when and where should adult farmer programs be evaluated and why evaluate adult farmer education?

KNOX, ALAN B. "Developing an Evaluation Plan in Adult Farmer Education". Vol. 35, No. 5 (Dec. 1962) Pp. 110-121.

An approach to evaluation is described which includes -who attends, appropriateness of objectives, differential achievement, and application of learning.

MERRILL, KEITH C. "Idaho Farmers Evaluate the Farm Mechanics Course of Study". Vol. 34, No. 11 (May 1962) p. 259-63.

A depth study was conducted of selected and randomly chosen farmers regarding areas of farm mechanics that were emphasized in an Idaho farmer program.

PALZKILL, JEROME P. "Foresight and Adult Farmer Education". Vol. 35, No. 5 (Dec. 1962) P. 123.

An analogy of foresight and predictability of future needs of adult farmer programs with implications for teacher education.

PHIPPS, LLOYD J. "Using Research to Improve Adult Farmer Education". Vol. 35, No. 5 (Dec. 1962) Pp. 111-12.

Research may be used to improve adult farmer education. Procedures are; (1) determine interest (2) location of courses (3) observing that farmers are semi-strangers and (4) implementing adult learning.

QUARLES, N. K. "Local Study Can Improve the Y. F. A.". Vol. 36, No. 4 (Oct. 1963) Pp. 78-79.

Studies like this one reveal many causes of disparities in young farmer classes.

ROGERS, JOHN H. "The Young Farmer Number Racket". Vol. 37, No. 5 (Nov. 1964) P. 107.

The misuse of numbers is pointed out as an evaluation facet in young farmer programs.